

**VOSH PROGRAM DIRECTIVE: 09-052A****Issued: 15 January 2014****Subject****OSHA TECHNICAL MANUAL****Purpose**

**CHANGE II:** This Change adds Chapter 5, Noise, to Section III of the OSHA Technical Manual (15 August 2013). This chapter provides the technical guidance to help CSHO's evaluate noise hazards in the workplace.

**CHANGE I:** This revised Directive is renumbered to the 09 series [Program Operations, Analysis and Evaluation] from the 02 series [Compliance Instructions] to more accurately conform to the VOSH Program Directives' classification and numbering system as specified in VOSH Program Directive 01-001A. In addition to transmitting to field personnel OSHA's Technical Manual 20 January 1999), this change also transmits to field personnel OSHA's new Table of Contents and updated Chapters 1 through 4 of Section II of the OSHA Technical Manual (OTM) on Sampling, Measurement Methods and Instruments (24 June 2008). All other OTM chapters remain in effect and unchanged

*This Program Directive is an internal guideline, not a statutory or regulatory rule, and is intended to provide instructions to VOSH personnel regarding internal operation of the Virginia Occupational Safety and Health Program and is solely for the benefit of the program. This document is not subject to the Virginia Register Act or the Administrative Process Act; it does not have general application and is not being enforced as having the force of law.*

**Scope**

This directive applies to all VOSH personnel.

**References**

**CHANGE II:** OSHA Notice 13-03 (TED 01) (15 August 2013)

**CHANGE I:** OSHA TED 01-00-015 [TED 1-0.15A] (20 January 1999); 08-05 (TED 01) (24 June 2008)

**Cancellation**

VOSH PD 09-052 (01 August 2012)

**Action**

Directors and Managers shall assure that the procedures set forth in the OSHA Technical Manual are followed during inspections and consultative visits.

**Effective Date**

15 January 2014

**Expiration Date**

Not Applicable.

William P. Burge

Acting Commissioner

Distribution: Commissioner of Labor and Industry  
Assistant Commissioner – Programs  
VOSH Directors and Managers  
Legal Support and IMIS Support Staffs

Cooperative Programs Director/ Manager  
VOSH Compliance and Cooperative Programs Staffs  
OSHA Region III and Norfolk Area Offices

E-attachments: OSHA Technical Manual, OSHA Instruction TED 01-00-015 [TED 1-0.15A] (20 January 1999)  
[http://www.osha.gov/dts/osta/otm/otm\\_toc.html](http://www.osha.gov/dts/osta/otm/otm_toc.html)

OSHA Notice 13-03 (TED 01) (15 August 2013)  
[http://www.osha.gov/dts/osta/otm/new\\_noise/index.html](http://www.osha.gov/dts/osta/otm/new_noise/index.html)

When the guidelines, as set forth in this Program Directive, are applied to the Department of Labor and Industry and/or to Virginia employers, the following federal terms, if and where they are used, shall be considered to read as below:

Federal Terms

VOSH Equivalent

OSHA

VOSH

Federal Agency

State Agency

Agency

Department

Regional Administrator

Assistant Commissioner

Area Director

Regional Director  
VOSH Program Director

Area Office/Regional Office

Regional Director

Regional Solicitor

Attorney General or VOSH  
Division of Legal Support (DLS)

Office of Statistics

VOSH Research and Analysis

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VOSH Standard

Compliance Safety and Health Officer (CSHO)  
and/or Industrial Hygienist

CSHO

***OSHA Directives:***

***VOSH Program Directives:***

CPL 02-00-150, OSHA Field Operations  
Manual (FOM) (04/22/11)

02-001G, VOSH Field Operations Manual (FOM) (10/01/13)  
or its successor

## I. Summary.

**CHANGE II:** In Section III of the OTM, Health Hazards, OSHA added Chapter 5 which is entitled Noise. This Chapter is divided into the following main sections:

- 1) Section I, Introduction;
- 2) Section II, Background Information, provides information about noise and noise regulations and provides an overview of noise controls;
- 3) Section III, Measurements, describes worksite noise evaluations, including noise measurement equipment, noise evaluation procedures, and noise sampling;
- 4) Section IV, Investigation Guidelines, offers investigative guidelines (including methods for planning the investigation) and outlines strategy for conducting noise evaluations;
- 5) Section V, Hazard Abatement and Control, describes noise hazard abatement and control, including engineering and administrative controls, hearing protection, noise conservation programs, cost comparisons between noise hazard abatement options, and case studies; and
- 6) Section VI, References, provides references used to produce this chapter; and
- 7) Section VII, Resources, provides resources for obtaining additional information.

Following the main sections are the appendices which provide a glossary of terms, sample calculations, and expanded discussion of certain topics introduced in the chapter.

**CHANGE I:** The revised OSHA Technical Manual (OTM) [TED 01-00-015], issued on January 20, 1999, has been broadened in scope to embrace all safety and health disciplines and to promote voluntary hazard recognition, evaluation and control. This revised Manual includes sections on safety and health hazards; construction operations; health-care facilities; ergonomics; personal protective equipment; and the metric system conversion.

This revision includes updated Chapters 1 through 4 of Section II of the OTM. The revised chapters of the OTM will assist Compliance Safety and Health Officers when performing personal air sampling techniques, occupational skin exposure assessments, the application and general use of on-site measuring equipment, and finally, sample shipping and handling procedures.

Specifically, Chapter I, Personal Sampling for Air Contaminants, covers how to obtain sample media, selection of employees to be sampled, pre- and post-calibration procedures, completion of Form OSHA-91A, sample preparation for transport, substance specific sampling techniques and considerations, and how to evaluate sample results for compliance purposes.

Chapter 2, Occupational Skin Exposure, provides guidance for Compliance Officers on the available means of assessing and evaluating the extent of skin exposure through risk assessment, biological monitoring, chemical absorption and permeability, sampling techniques and enforcement recommendations.

Chapter 3, Technical Equipment: On-site Measurement, provides the type of equipment and instrumentation available for use by OSHA personnel, and provides a broad understanding of the principle of operation and a summary of the capabilities and limitations of the equipment.

Chapter 4, Sample Shipping and Handling, contains sample handling, packaging and shipping instructions to be used by Compliance Officers to ship industrial hygiene, safety and construction samples to the Salt Lake Technical center (SLTC).